

REMARKS

This application has been carefully reviewed in light of the Office Action dated January 18, 2006. Claim 14 remains in the application, with Claims 1 to 13 having been canceled. Reconsideration and further examination are respectfully requested.

Claims 1 to 14 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,169,414 (Yoshino) in view of U.S. Patent No. 5,630,128 (Farrell). Without conceding the correctness of the rejections of Claims 1 to 13, they are nonetheless believed to be obviated by the cancellation of those claims. Regarding Claim 14, reconsideration and withdrawal of the rejections are respectfully requested.

The present invention concerns the acquisition, recording, and display of data of a measurement target. According to the invention, programs for data acquisition, data recording, and data display are executed independently as part of an integrated program. Each program has a priority and the data acquisition program has a priority higher than the display and recording programs. If an error occurs in one of the programs, the program in which the error occurred and all programs having a priority lower than the program in which the error occurred are stopped. Thus, if the error occurs in one of the programs having a lower priority than the data acquisition program, the data acquisition program can continue to acquire the data. However, if the error occurs in the data acquisition program itself, the other lower priority programs, as well as the acquisition program, are stopped. For foregoing aspect of the invention is supported by the description found at page 15, line 16 to page 18, line 21 of the specification, and Figures 7 and 8.

Referring specifically to the claims, amended independent Claim 14 is directed to an information processing apparatus for accumulating data of a measurement target, the apparatus comprising an acquisition section, arranged to acquire the data of the

measurement target by independently executing a computer program for data acquisition, a display section, arranged to generate information to be displayed by independently executing a computer program for display information generation on the basis of the acquired data supplied to the display section by the acquiring section by interprocess communication, a recording section, arranged to record the data obtained by the interprocess communication on a recording medium, by independently executing a computer program for data recording, and a management section, arranged to control operations of the acquisition, display, and recording sections in accordance with priorities of the acquisition, display, and recording sections, by independently executing a computer program for operation control, wherein all of the computer programs of the acquisition, display, recording, and management sections are provided as an integrated computer program which integrates the independent computer programs, and the computer programs are executed under a multitasking function of an operating system, and wherein the priority of the data acquisition program is higher than that of both the recording program and the display information generation program, and wherein, when an error occurs in any one of the data acquisition program, the recording program, and the display information generation program, the management section suspends execution of the program in which the error occurs, and programs having a priority lower than that of the program in which the error occurs.

The applied art is not seen to disclose or to suggest the features of Claim 14, and in particular, is not seen to disclose or to suggest at least the feature of a data acquisition program, a display information generation program and a recording program being executed independently but as part of an integral program, where a priority of the data acquisition program is higher than that of both the recording program and the display

information generation program, wherein, when an error occurs in any one of the data acquisition program, the recording program, and the display information generation program, execution of the program in which the error occurs and programs having a priority lower than that of the program in which the error occurs is suspended.

Yoshino is seen to disclose a system for measuring a voltage output characteristic of a solar cell in which various light sources are applied to the solar cell in order to produce a voltage output. The voltage output is measured based on the various light sources and the output voltage data characteristic is stored in a computer. The stored voltage output data can then be output, either internal to the same computer in which the data is stored, or to another computer or a printer/plotter, so that a data display program can generate a graphical display of the voltage output characteristic. Thus, while the data measuring program and the display program may be executed separately, Yoshino is not seen to disclose or to suggest anything regarding priorities of the programs, or suspension of any of the programs based on the priorities when an error occurs in any of the programs. Accordingly, Yoshino is not seen to disclose or to suggest the foregoing features of Claim 14.

Farrell is merely seen to disclose execution of programs in a multitasking system, where the execution is based on priorities of the programs. Specifically, the program with the highest priority is executed first, and then the program with the next highest priority is executed, etc. Thus, while execution of the programs may be based on a priority of the programs, Farrell is not seen to disclose or to suggest that any program with a lower priority is suspended when an error occurs in a program having a higher priority. Rather, the programs with lower priority appear to continue running, despite any errors that may occur in higher priority programs. Accordingly, Farrell is not seen to add anything

that, when combined with Yoshino, would have resulted in the foregoing features of Claim 14.

In view of the foregoing amendments and remarks, Claim 14 is believed to be in condition for allowance.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Edward A. Kmett', written over a horizontal line.

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